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(54) LIQUID CRYSTAL DISPLAY DEVICE

(57) Abstract:

PURPOSE: To allow a device to cope with the high-definition TV system such as EDTV by providing a means doubling the shift speed of 1st and 2nd vertical drivers, a means applying double speed conversion to a video signal and a means doubling the number of clocks of the horizontal driver.

CONSTITUTION: First and 2nd vertical drivers 2, 3 are operated alternately at every field at the normal speed and a video signal is fed to horizontal drivers 4, 5 operated at the normal speed to apply interlace scanning. Then 1st and 2nd vertical drivers 2, 3 are operated at the speed twice the normal speed at every line and a double speed conversion means 8 applies a video signal whose speed is doubled than the usual speed is fed to the horizontal drivers 4, 5 operated at the speed twice the normal speed to apply the double speed sequential scanning. Thus, the device copes with a

high-definition TV system such as EDTV with a simple switching.

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